

that responds to requirements for geologic-map information that are driven by Federal and State mission requirements;

(4) a mechanism for adopting scientific and technical mapping standards for preparing and publishing general-purpose and special-purpose geologic maps to—

(A) ensure uniformity of cartographic and scientific conventions; and

(B) provide a basis for judgment as to the comparability and quality of map products; and

(5) a mechanism for monitoring the inventory of published and current mapping investigations nationwide in order to facilitate planning and information exchange and to avoid redundancy.

(Pub. L. 102-285, § 6, May 18, 1992, 106 Stat. 170; Pub. L. 105-36, § 3(d), Aug. 5, 1997, 111 Stat. 1110.)

#### AMENDMENTS

1997—Par. (1). Pub. L. 105-36, § 3(d)(1), inserted “cooperative” after “national”.

Par. (3)(C). Pub. L. 105-36, § 3(d)(2), added subpar. (C) and struck out former subpar. (C) which read as follows: “for the State geologic mapping component, a priority-setting mechanism that responds to (i) specific intrastate needs for geologic-map information, and (ii) interstate needs shared by adjacent entities that have common requirements; and”.

Pars. (4) to (6). Pub. L. 105-36, § 3(d)(3), (4), added par. (4), redesignated par. (6) as (5), and struck out former pars. (4) and (5) which read as follows:

“(4) a description of the degree to which the Survey can acquire, archive, and use Side-Looking Airborne Radar (SLAR) or Interferometric Synthetic Aperture Radar (IFSAR) data in a manner that is technically appropriate for geologic or related mapping studies;

“(5) a mechanism for adopting scientific and technical map standards for preparing and publishing general-purpose and special-purpose geologic maps to (A) assure uniformity of cartographic and scientific conventions, and (B) provide a basis for judgment as to the comparability and quality of map products; and”.

#### SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 31c, 31d of this title.

### § 31f. National geologic-map data base

#### (a) Establishment

The Survey shall establish a national geologic-map data base. Such data base shall be a national archive that includes all maps developed pursuant to sections 31a to 31h of this title, the data bases developed pursuant to the investigations under sections 31c(d)(2)(C), (D), (E), and (F) of this title, and other maps and data as the Survey deems appropriate.

#### (b) Standardization

##### (1) In general

Geologic maps contributed to the national archives shall have format, symbols, and technical attributes that adhere to standards so that archival information can be accessed, exchanged, and compared efficiently and accurately, as required by Executive Order 12906 (59 Fed. Reg. 17,671 (1994)), which established the National Spatial Data Infrastructure.

##### (2) Development of standards

Entities that contribute geologic maps to the national archives shall develop the stand-

ards described in paragraph (1) in cooperation with the Federal Geographic Data Committee, which is charged with standards development and other data coordination activities as described in Office of Management and Budget revised Circular A-16.

(Pub. L. 102-285, § 7, May 18, 1992, 106 Stat. 171; Pub. L. 105-36, § 3(e), Aug. 5, 1997, 111 Stat. 1110.)

#### REFERENCES IN TEXT

Executive Order 12906, referred to in subsec. (b)(1), is set out as a note under section 1457 of this title.

#### AMENDMENTS

1997—Subsec. (b). Pub. L. 105-36 added subsec. (b) and struck out heading and text of former subsec. (b). Text read as follows: “Geologic maps contributed to the national archives should have standardized format, symbols, and technical attributes so that archival information can be assimilated, manipulated, accessed, exchanged, and compared efficiently and accurately.”

#### SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 31c of this title.

### § 31g. Biennial report

The Secretary shall, within 90 days after the end of each second fiscal year, submit a biennial report to the Committee on Resources of the House of Representatives and the Committee on Energy and Natural Resources of the Senate describing the status of the nationwide geologic mapping program and describing and evaluating the progress achieved during the 2 preceding fiscal years in developing the national geologic-map data base. Each report shall include any recommendations for legislative or other action as the Secretary deems necessary and appropriate to fulfill the purposes of sections 31a to 31h of this title.

(Pub. L. 102-285, § 8, May 18, 1992, 106 Stat. 171; Pub. L. 103-437, § 16(a)(1), Nov. 2, 1994, 108 Stat. 4594; Pub. L. 105-36, § 3(f), Aug. 5, 1997, 111 Stat. 1111; Pub. L. 105-362, title IX, § 902(b), Nov. 10, 1998, 112 Stat. 3291.)

#### AMENDMENTS

1998—Pub. L. 105-362 substituted “Biennial report” for “Annual report” in section catchline and “each second fiscal year, submit a biennial report” for “each fiscal year, submit an annual report” and “2 preceding fiscal years” for “preceding fiscal year” in text.

1997—Pub. L. 105-36 substituted “Committee on Resources” for “Committee on Natural Resources” and “program and describing and evaluating the progress” for “program, and describing and evaluating progress”.

1994—Pub. L. 103-437 substituted “Natural Resources” for “Interior and Insular Affairs” before “of the House”.

### § 31h. Authorization of appropriations

#### (a) In general

There are authorized to be appropriated to carry out the national cooperative geologic mapping program under sections 31a to 31h of this title—

- (1) \$26,000,000 for fiscal year 1998;
- (2) \$28,000,000 for fiscal year 1999; and
- (3) \$30,000,000 for fiscal year 2000.

#### (b) Allocation of appropriated funds

##### (1) In general

Of the amount of funds that are appropriated under subsection (a) of this section for any fis-